



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

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## DATA MATRIX

Date April 24, 2017	EPA Reg No./File Symbol 80967-16	Page 1 of 24
Applicant's/Registrant's Name & Address Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Product Specific Data Requirements</b>					
830.1550	Product Identity and Composition	49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1600	Description of Materials Used to Produce the Product	49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1620	Description of Production Process	49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1650	Description of Formulation Process				Not required
830.1670	Discussion of Formation of Impurities	49903801 49505001	Mey Corporation Mey Corporation	OWN OWN	
830.1700	Preliminary Analysis	49903804	Mey Corporation	OWN	
		49903803	Mey Corporation	OWN	
		49903802	Mey Corporation	OWN	
		49505002	Mey Corporation	OWN	
		49505003	Mey Corporation	OWN	
830.1750	Certified Limits	49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	

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Applicant's/Registrant's Name & Address Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1800	Enforcement Analytical Method	49903801 49505002 49505003	Mey Corporation Mey Corporation	OWN OWN	
830.6302	Color	49505004	Mey Corporation	OWN	
830.6303	Physical State	49505004	Mey Corporation	OWN	
830.6304	Odor	49505004	Mey Corporation	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	49505004	Mey Corporation	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	49505004	Mey Corporation	OWN	
830.6315	Flammability	49505005	Mey Corporation	OWN	Waiver <sup>1</sup>
830.6316	Explosibility	49505005	Mey Corporation	OWN	Waiver <sup>2</sup>
830.6317	Storage Stability	50261301	Mey Corporation	OWN	
830.6319	Miscibility				Not required <sup>3</sup>
830.6320	Corrosion Characteristics	50261301	Mey Corporation	OWN	
830.6321	Dielectric Breakdown Voltage				Not required <sup>4</sup>
830.7000	pH	49505004	Mey Corporation	OWN	

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7050	UV/Visible Absorption	49505004	Mey Corporation	OWN	
830.7100	Viscosity	49505005	Mey Corporation	OWN	Not required <sup>5</sup>
830.7200	Melting Point/Melting Range	49505004	Mey Corporation	OWN	
830.7220	Boiling Point/Boiling Range				Not required <sup>6</sup>
830.7300	Density/Relative Density/Bulk Density	49505004	Mey Corporation	OWN	
830.7370	Dissociation Constants in Water	49505005	Mey Corporation	PL	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	49505005	Mey Corporation	OWN	Waiver <sup>7</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	49505004	Mey Corporation	OWN	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	49505004	Mey Corporation	OWN	
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure	49505005	Mey Corporation	PL	

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Acute Oral Toxicity: Rat	49551101	Mey Corporation	OWN	
870.1200	Acute Dermal Toxicity: Rat	49551102	Mey Corporation	OWN	
870.1300	Acute Inhalation Toxicity: Rat	49551103	Mey Corporation	OWN	
870.2400	Primary Eye Irritation: Rabbit	49551104	Mey Corporation	OWN	
870.2500	Primary Dermal Irritation	49551105	Mey Corporation	OWN	
870.2600	Dermal Sensitization	49551106	Mey Corporation	OWN	
<b>Generic Data Requirements</b>					
850.2100	Acute Avian Oral Toxicity	42774105 42774106 48718013	BASF Corporation	OLD OLD PAY	See endnote <sup>8</sup>
850.2200	Avian Dietary Toxicity	0025391 0023690 TOUDIC07 0025392 0025317		OLD OLD OLD OLD OLD	See endnote <sup>9</sup>

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2300	Avian Reproduction	43814003 43814004		OLD OLD	See endnote <sup>10</sup>
850.2400	Wild Mammal Toxicity				Not required
850.1075	Freshwater Fish Toxicity	0034703 40098001 00041272 00036915		OLD OLD OLD OLD	See endnote <sup>11</sup>
850.1010	Acute Freshwater Invertebrate Toxicity	0052126 40094602 40098001		OLD OLD OLD	See endnote <sup>12</sup>
850.1025, 1035, 1045, 1055, 1075	Acute Estuarine and Marine Organisms Toxicity	0025390 40228401 0034702		OLD OLD OLD	See endnote <sup>13</sup>
850.1300	Life Cycle Aquatic Invertebrate - Freshwater	48718007	BASF Corporation	PAY	
850.1350	Life Cycle Aquatic Invertebrate - Saltwater	48718012	BASF Corporation	PAY	

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400	Early Life Stage Fish	48718010 48718008 48718011	BASF Corporation BASF Corporation BASF Corporation	PAY PAY PAY	
850.1500	Fish Life Cycle				Not required
850.1710, 1730, 1850	Aquatic Organism Biomagnification				Not required
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
850.3020	Honey Bee Acute Contact	00036935		OLD	See endnote <sup>14</sup>
850.3030	Honey Bee Toxicity of Residues on Foliage				Not required
850.3040	Field Testing for Pollinators				Not required
850.4100	Seed Germination/Seedling Emergence	42846301 47815101	BASF Corporation	OLD PAY	See endnote <sup>15</sup>
850.4150	Vegetative Vigor	42846301 47815102	BASF Corporation	OLD PAY	See endnote <sup>16</sup>
850.4400	Aquatic Plant Growth	42774111		OLD	See endnote <sup>17</sup>

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.6100	Environmental Chemistry Methods			GAP	See endnote <sup>18</sup>
870.6200	Acute Neurotoxicity (Rat)	42774104		OLD	See endnote <sup>19</sup>
870.3100	90-Day Oral Toxicity in Rodents	44623101		OLD	See endnote <sup>20</sup>
870.3150	90-Day Oral Toxicity in Non-Rodents	44623101 40321102		OLD OLD	See endnote <sup>21</sup>
870.3200	21-Day Dermal Toxicity	40547901 45814501	BASF Corporation	OLD PAY	See endnote <sup>22</sup>
870.3250	90-Day Dermal Toxicity				Not required <sup>23</sup>
870.3465	90-Day Inhalation Toxicity				Not required <sup>24</sup>
870.6100	28-Day Delayed Neurotoxicity - Hen	00112897		OLD	
870.6200	90-Day Subchronic Neurotoxicity - Rat	43245210		OLD	See endnote <sup>25</sup>
870.4100	Chronic Toxicity Rat	00146150		OLD	See endnote <sup>26</sup>
870.4200	Carcinogenicity	00146150 40872401		OLD OLD	See endnote <sup>27</sup>
870.3700	Prenatal Development Toxicity Studies	00084024 42429401		OLD OLD	See endnote <sup>28</sup>
870.3800	Reproduction and Fertility Effects	43137101		OLD	See endnote <sup>29</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6300	Developmental Neurotoxicity Study				Not required
870.5100	Bacterial Reverse Mutation Test	40321101			See endnote <sup>30</sup>
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Gene Mutation Test	40321101 00143001			See endnote <sup>31</sup>
870.5385, 870.5395	<i>In vivo</i> Cytogenetics	00143001			See endnote <sup>32</sup>
870.7200	Companion Animal Safety				Not required
870.7485	Metabolism and Pharmacokinetics	44609801 00028261		OLD OLD	See endnote <sup>33</sup>
870.7600	Dermal Penetration				Not required
870.7800	Immunotoxicity	48081601	BASF Corporation	PAY	
875.1100	Dermal Outdoor Exposure		PHED	PUBLIC	
875.1200	Dermal Indoor Exposure				Not required
875.1300	Inhalation Outdoor Exposure		PHED	PUBLIC	
875.1400	Inhalation Indoor Exposure				Not required
875.1500	Biological Monitoring		PHED	PUBLIC	
875.1600	Data Reporting and Calculations		PHED	PUBLIC	
875.1700	Product Use Information		PHED	PUBLIC	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2100	Foliar Residue Dissipation		ORETF ARTF	PER PER	See endnote <sup>34</sup>
875.2200	Soil Residue Dissipation		ORETF ARTF	PER PER	See endnote <sup>34</sup>
875.2300	Indoor Surface Residue Dissipation				Not required
875.2400	Dermal Passive Dosimetry Exposure		ORETF ARTF	PER PER	See endnote <sup>34</sup>
875.2500	Inhalation Passive Dosimetry Exposure		ORETF ARTF	PER PER	See endnote <sup>34</sup>
835.2120	Hydrolysis	40335501		OLD	See endnote <sup>35</sup>
835.2240	Photodegradation - Water	42774102		OLD	See endnote <sup>36</sup>
835.2410	Photodegradation – Soil	42774103		OLD	See endnote <sup>37</sup>
835.2370	Photodegradation – Air				Not required
835.4100	Aerobic Soil Metabolism	43245207		OLD	See endnote <sup>38</sup>
835.4200	Anaerobic Soil Metabolism	43245208		OLD	See endnote <sup>39</sup>

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835.4300	Aerobic Aquatic Metabolism	43245208		OLD	See endnote <sup>40</sup>
835.4400	Anaerobic Aquatic Metabolism	43245209		OLD	See endnote <sup>41</sup>
835.1230; 835.1240	Leaching and Adsorption/Desorption	42774101 43095301		OLD OLD	See endnote <sup>42</sup>
835.1410	Lab Volatility	41966602		OLD	See endnote <sup>43</sup>
835.8100	Field Volatility				Not required
835.6100	Terrestrial Field Dissipation	43361506 43361507 43651405 43651407 43651408 42754101 42754102		OLD OLD OLD OLD OLD OLD OLD	See endnote <sup>44</sup>
835.6200	Aquatic Sediment Dissipation				Not required
835.6300	Forestry Dissipation				Not required
835.7100	Ground-Water Monitoring				Not required

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Nature of the Residue – Plants	00022745		OLD	See endnote <sup>45</sup>
		00022753		OLD	
		00025344		OLD	
		00036921		OLD	
		00079708		OLD	
		00079747		OLD	
		00102945		OLD	
		00118473		OLD	
		40642801		OLD	
860.1300	Nature of Residue - Livestock and Poultry	00077779		OLD	See endnote <sup>46</sup>
		00145248		OLD	
		43245201		OLD	
		43245202		OLD	
		43461701		OLD	
		43554205		OLD	
860.1850	Confined Rotational Crop	41972001		OLD	See endnote <sup>47</sup>
		43698601		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method	40233501		OLD	
		40547911		OLD	
		40663801		OLD	
		41187301		OLD	
		42675901		OLD	
		42883202		OLD	
		43245204		OLD	
		43245205		OLD	
		43245206		OLD	
		43274501		OLD	
		43370701		OLD	
		43425803		OLD	
		43814101		OLD	
		43814102		OLD	
		43866601		OLD	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method (cont'd)	44089302	BASF Corporation	OLD	
		44089303		OLD	
		44089304		OLD	
		44089305		OLD	
		44891301		OLD	
		44891302		OLD	
		44891303		OLD	
		45196801		OLD	
		43814001		OLD	
		48001303		PAY	
860.1360	Multiresidue Method	48001304	BASF Corporation	PAY	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Storage Stability	40547911		OLD	
		40663801		OLD	
		43245204		OLD	
		43245205		OLD	
		43245206		OLD	
		43274501		OLD	
		43370701		OLD	
		43814102		OLD	
		43866601		OLD	
860.1500	Magnitude of the Residue Crop Field Trials - Asparagus	00025338		OLD	
		43245206		OLD	
		43425803		OLD	

Signature 	Name and Title Ann M. Tillman, Agent	Date Apr. 24, 2017
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Form Approved OMB No. 2070-0060

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## DATA MATRIX

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Applicant's/Registrant's Name &amp; Address

Mey Corporation  
121 S. Estes Drive, Suite 101  
Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient **Dicamba** (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials - Corn	00015636, 00015637 00015640, 00015641 00015642, 00015786 00016435, 00016436 00016437, 00016438 00022612 00022613 00022618 00023584 00023684 00025364 00025383 00028269 00075715 00088172 44089303 48001305	BASF Corporation	OLD, OLD OLD, OLD OLD, OLD OLD, OLD OLD, OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD PAY	
860.1500	Magnitude of the Residue Crop Field Trials - Cotton	43814001 45196801		OLD OLD	

Signature

Ann M. Fuller

Name and Title
----------------

Ann M. Tillman, Agent

Date

Apr. 24, 2017



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Applicant's/Registrant's Name &amp; Address

Mey Corporation  
121 S. Estes Drive, Suite 101  
Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials - Grass	00028173		OLD	
		00028200		OLD	
		00028267		OLD	
		00028268		OLD	
		43370701		OLD	

Signature

Name and Title

Ann M. Tillman, Agent

Date

Apr. 24, 2017





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## DATA MATRIX

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Applicant's/Registrant's Name & Address Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials – Small Grains	00004541		OLD	
		00004566		OLD	
		00023687		OLD	
		00025330		OLD	
		00025394		OLD	
		00028398		OLD	
		00028252		OLD	
		00055662		OLD	
		00162206		OLD	
		40663801		OLD	
		42675901		OLD	
		43274501		OLD	
		43245205		OLD	
		43814102		OLD	
		44089304		OLD	
		44089305		OLD	
		44891302		OLD	

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## DATA MATRIX

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Applicant's/Registrant's Name & Address Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials – Sorghum	00022622 00078448 43245203 44089306		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue Crop Field Trials – Soybeans	00075729 00102944 43814101 43814102 44089307		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue Crop Field Trials – Sugarcane	00030701 00079738 00149626 43245204 44089302		OLD OLD OLD OLD OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed - Corn	41187301 48001305	BASF Corporation	OLD PAY	
860.1520	Magnitude of the Residues in Processed Food/Feed - Cotton	43814001		OLD	

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Applicant's/Registrant's Name & Address Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residues in Processed Food/Feed – Small Grains	00004541		OLD	
		00004566		OLD	
		00023687		OLD	
		00025330		OLD	
		00025394		OLD	
		00028398		OLD	
		00028252		OLD	
		00055662		OLD	
		00162206		OLD	
		40663801		OLD	
		42675901		OLD	
		43274501		OLD	
		43245205		OLD	
		43814102		OLD	
		44089304		OLD	
		44089305		OLD	
		44891302		OLD	

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## DATA MATRIX

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Applicant's/Registrant's Name &amp; Address

Mey Corporation  
121 S. Estes Drive, Suite 101  
Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residues in Processed Food/Feed – Sorghum	00022622		OLD	
		00078448		OLD	
		43245203		OLD	
		44089306		OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed – Soybeans	00075729		OLD	
		00102944		OLD	
		43814101		OLD	
		43814102		OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed – Sugarcane	44089307		OLD	
		00030701		OLD	
		00079738		OLD	
		00149626		OLD	
		43245204		OLD	
		44089302		OLD	

Signature

Name and Title

Ann M. Tillman, Agent

Date

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## DATA MATRIX

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Applicant's/Registrant's Name & Address Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480	Magnitude of Residues - Meat/Milk/Poultry/Egg	00079742 00148127 00116671 44891303		OLD OLD OLD OLD	
860.1900	Field Rotational Crop				Not required
201-1	Droplet Size Spectrum		SDTF	PER	See endnote <sup>48</sup>
202-1	Droplet Size Spectrum		SDTF	PER	See endnote <sup>48</sup>

Signature 	Name and Title Ann M. Tillman, Agent	Date Apr. 24, 2017
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## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>1</sup> **830.6315** - Mey Corporation requested a waiver from this data requirement due to the fact that Meychem Technical Dicamba is a solid and does not contain any flammable ingredients. EPA accepted this waiver.
- <sup>2</sup> **830.6316** - Mey Corporation requested a waiver from this data requirement due to the fact that dicamba does not contain the chemical bonds or functional groups associated with explosive compounds. EPA accepted this waiver.
- <sup>3</sup> **830.6319** - This data requirement is required when the product is an emulsifiable liquid and to be diluted with petroleum solvents. Meychem Technical Dicamba is not an end use product to be diluted with petroleum solvents prior to application. Therefore, this data requirement does not apply to Meychem Technical Dicamba.
- <sup>4</sup> **830.6321** - These data are required if the product is an end-use product. This data requirement is not applicable to Meychem Technical Dicamba because it is not an end-use product.
- <sup>5</sup> **830.7100** - This data requirement is not applicable to Meychem Technical Dicamba since it is a solid.
- <sup>6</sup> **830.7220** – Boiling point data are not required for Meychem Technical Dicamba because it is a solid.
- <sup>7</sup> **830.7520** - Mey Corporation requested a waiver for this data requirement for Meychem Technical Dicamba because the product is not a fibrous material nor is it water insoluble. EPA accepted this waiver.
- <sup>8</sup> **850.2100** – MRID Numbers 42774105 and 42774106 were listed in the RED and RED EFED Chapter as satisfying the data requirement. MRID Number 48718013 is a recently submitted study to satisfy the passerine data requirement.
- <sup>9</sup> **850.2200** – The studies cited were listed in the RED EFED Chapter as satisfying the dicamba acid data requirement. .
- <sup>10</sup> **850.2300** – The studies cited were listed in the RED and RED EFED Chapter as satisfying the data requirement.
- <sup>11</sup> **850.1075** – The studies cited were listed in the RED and RED EFED Chapter as satisfying the data requirement.
- <sup>12</sup> **850.1010** – Accession Number 0052126 was listed in the RED as satisfying the data requirement. Additional supplemental studies listed in the RED EFED Chapter were also cited.
- <sup>13</sup> **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** – Accession Number 0052126 was listed in the RED as satisfying the data requirement. Additional supplemental studies listed in the RED EFED Chapter were also cited.
- <sup>14</sup> **850.3020** – The study cited is listed in the RED as satisfying the data requirement.
- <sup>15</sup> **850.4100** – MRID Number 42846301 was listed in the RED; MRID Number 47815101 was submitted in response to the Data Call-In resulting from the RED and was also cited.
- <sup>16</sup> **850.4150** – MRID Number 42846301 was listed in the RED; MRID Number 47815102 was submitted in response to the Data Call-In resulting from the RED and was also cited.
- <sup>17</sup> **850.4400** – MRID Number 42774111 was listed in the EFED RED Chapter as satisfying the data requirement (no data were listed in the RED and no data have been submitted to satisfy this requirement).
- <sup>18</sup> **850.6100** – No data have been submitted to satisfy this data requirement.
- <sup>19</sup> **870.6200** – The study cited is listed in the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>20</sup> **870.3100** – The study cited is listed in the RED, HED Chapter for the RED and the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>21</sup> **870.3150** – The study cited is listed in the RED as satisfying the data requirement. Chronic toxicity to dog data are also cited.

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>22</sup> **870.3200** – The studies cited were listed in the RED as satisfying the data requirement.
- <sup>23</sup> **870.3250** – These data are not required as per the HED Chapter for the RED.
- <sup>24</sup> **870.3465** – These data are not required as per the HED Chapter for the RED.
- <sup>25</sup> **870.6200** – The study cited is listed in the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>26</sup> **870.4100** – The study cited is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement. Note: the RED lists MRID Number 00145150; this appears to be in error and the appropriate MRID should be 00146150.
- <sup>27</sup> **870.4200** – MRID Number 00146150 is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement. Note: the RED lists MRID Number 00145150; this appears to be in error and the appropriate MRID should be 00146150. MRID Number 40872401 is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>28</sup> **870.3700** – The studies cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>29</sup> **870.3800** – The study cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>30</sup> **870.5100** – The study cited was listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>31</sup> **870.5300, 870.5375** – The studies cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>32</sup> **870.5385, 870.5395** – The study cited was listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>33</sup> **870.7485** – The studies cited were listed in the RED or 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>34</sup> **875.2100, 875.2200, 875.2400, 875.2500** – MEY Corporation is a licensee in good standing with the Outdoor Residential Exposure Task Force and Agricultural Re-Entry Task Force.
- <sup>35</sup> **835.2120** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>36</sup> **835.2240** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. Note: the RED lists 42774103 as the study satisfying the data requirement. This study corresponds to the photodegradation in soil, not water.
- <sup>37</sup> **835.2410** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. Note: the RED lists 42774102 as the study satisfying the data requirement. This study corresponds to the photodegradation in soil, not water.
- <sup>38</sup> **835.4100** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>39</sup> **835.4200** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>40</sup> **835.4300** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>41</sup> **835.4400** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>42</sup> **835.1230, 835.1240** – The studies cited were listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>43</sup> **835.1410** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>44</sup> **835.6100** – The studies cited were listed in the EFED Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED. The RED also listed MRID Number 44361526 which appears to be in error as this study does not correspond to dicamba.
- <sup>45</sup> **860.1300** – The studies cited were listed in the Residue Chemistry Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED.
- <sup>46</sup> **860.1300** – The studies cited were listed in the Residue Chemistry Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED.
- <sup>47</sup> **860.1850** – The studies cited were listed in the RED and Residue Chemistry Chapter for the RED as satisfying the data requirement.
- <sup>48</sup> **201-1, 202-1** – MEY Corporation is a licensee in good standing with the Spray Drift Task Force.





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## DATA MATRIX

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Applicant's/Registrant's Name & Address <b>Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514</b>	Product <b>MEYCHEM Technical Dicamba</b>	
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Product Specific Data Requirements</b>					
830.1550	Product Identity and Composition	50686701	Mey Corporation	OWN	
		49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1600	Description of Materials Used to Produce the Product	50686701	Mey Corporation	OWN	
		49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1620	Description of Production Process	50686701	Mey Corporation	OWN	
		49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1650	Description of Formulation Process				Not required
830.1670	Discussion of Formation of Impurities	50686701	Mey Corporation	OWN	
		49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1700	Preliminary Analysis	50686702	Mey Corporation	OWN	
		50686703	Mey Corporation	OWN	
		50686704	Mey Corporation	OWN	
		49903804	Mey Corporation	OWN	
		49903803	Mey Corporation	OWN	
		49903802	Mey Corporation	OWN	
		49505002	Mey Corporation	OWN	
		49505003	Mey Corporation	OWN	
830.1750	Certified Limits	50686701	Mey Corporation	OWN	
		49903801	Mey Corporation	OWN	
		49505001	Mey Corporation	OWN	
830.1800	Enforcement Analytical Method	50686702	Mey Corporation	OWN	
		50686703	Mey Corporation	OWN	
		49903801	Mey Corporation	OWN	
		49505002	Mey Corporation	OWN	
		49505003	Mey Corporation	OWN	
830.6302	Color	49505004	Mey Corporation	OWN	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6303	Physical State	49505004	Mey Corporation	OWN	
830.6304	Odor	49505004	Mey Corporation	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	49505004	Mey Corporation	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	49505004	Mey Corporation	OWN	
830.6315	Flammability	49505005	Mey Corporation	OWN	Waiver <sup>1</sup>
830.6316	Explodability	49505005	Mey Corporation	OWN	Waiver <sup>2</sup>
830.6317	Storage Stability	50261301	Mey Corporation	OWN	
830.6319	Miscibility				Not required <sup>3</sup>
830.6320	Corrosion Characteristics	50261301	Mey Corporation	OWN	
830.6321	Dielectric Breakdown Voltage				Not required <sup>4</sup>
830.7000	pH	49505004	Mey Corporation	OWN	
830.7050	UV/Visible Absorption	49505004	Mey Corporation	OWN	
830.7100	Viscosity	49505005	Mey Corporation	OWN	Not required <sup>5</sup>
830.7200	Melting Point/Melting Range	49505004	Mey Corporation	OWN	
830.7220	Boiling Point/Boiling Range				Not required <sup>6</sup>

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	Density/Relative Density/Bulk Density	49505004	Mey Corporation	OWN	
830.7370	Dissociation Constants in Water	49505005	Mey Corporation	PL	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	49505005	Mey Corporation	OWN	Waiver <sup>7</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	49505004	Mey Corporation	OWN	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	49505004	Mey Corporation	OWN	
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure	49505005	Mey Corporation	PL	
870.1100	Acute Oral Toxicity: Rat	49551101	Mey Corporation	OWN	
870.1200	Acute Dermal Toxicity: Rat	49551102	Mey Corporation	OWN	
870.1300	Acute Inhalation Toxicity: Rat	49551103	Mey Corporation	OWN	

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400	Primary Eye Irritation: Rabbit	49551104	Mey Corporation	OWN	
870.2500	Primary Dermal Irritation	49551105	Mey Corporation	OWN	
870.2600	Dermal Sensitization	49551106	Mey Corporation	OWN	
<b>Generic Data Requirements</b>					
850.2100	Acute Avian Oral Toxicity	42774105 42774106 48718013	BASF Corporation	OLD OLD PAY	See endnote <sup>8</sup>
850.2200	Avian Dietary Toxicity	0025391 0023690 TOUDIC07 0025392 0025317		OLD OLD OLD OLD OLD	See endnote <sup>9</sup>
850.2300	Avian Reproduction	43814003 43814004	Dicamba Registrants Coalition	OLD OLD OWN	See endnote <sup>10</sup>
850.2400	Wild Mammal Toxicity				Not required

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1075	Freshwater Fish Toxicity	0034703 40098001 00041272 00036915		OLD OLD OLD OLD	See endnote <sup>11</sup>
850.1010	Acute Freshwater Invertebrate Toxicity	0052126 40094602 40098001		OLD OLD OLD	See endnote <sup>12</sup>
850.1025, 1035, 1045, 1055, 1075	Acute Estuarine and Marine Organisms Toxicity	0025390 40228401 0034702		OLD OLD OLD GAP	See endnote <sup>13</sup>
850.1300	Life Cycle Aquatic Invertebrate - Freshwater	48718007	BASF Corporation Dicamba Registrants Coalition	PAY OWN	See endnote <sup>14</sup>
850.1350	Life Cycle Aquatic Invertebrate - Saltwater	48718012	BASF Corporation	PAY	

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400	Early Life Stage Fish	48718010 48718008 48718011	BASF Corporation BASF Corporation BASF Corporation Dicamba Registrants Coalition	PAY PAY PAY OWN	See endnote <sup>15</sup>
850.1500	Fish Life Cycle				Not required
850.1710, 1730, 1850	Aquatic Organism Biomagnification				Not required
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
850.3020	Honey Bee Acute Contact	00036935		OLD	See endnote <sup>16</sup>
850.3030	Honey Bee Toxicity of Residues on Foliage				Not required
850.3040	Field Testing for Pollinators				Reserved <sup>17</sup>
SS-1256	Acute oral toxicity – honeybee adult			GAP	See endnote <sup>18</sup>
SS-1257	Acute oral toxicity – honeybee larvae			GAP	See endnote <sup>19</sup>
SS-1315	Semi-field testing for pollinators				Reserved <sup>20</sup>
SS-1344	Chronic oral toxicity – larval honeybee			GAP	See endnote <sup>21</sup>

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
SS-1346	Chronic oral toxicity – adult honeybee			GAP	See endnote <sup>22</sup>
SS-1353	Residues in pollen and nectar				Reserved <sup>23</sup>
850.4100	Seed Germination/Seedling Emergence	42846301 47815101	BASF Corporation	OLD PAY GAP	See endnote <sup>24</sup>
850.4150	Vegetative Vigor	42846301 47815102	BASF Corporation	OLD PAY GAP	See endnote <sup>25</sup>
850.4400	Aquatic Plant Growth	42774111		OLD GAP	See endnote <sup>26</sup>
850.6100	Environmental Chemistry Methods			GAP	See endnote <sup>27</sup>
870.6200	Acute Neurotoxicity (Rat)	42774104		OLD	See endnote <sup>28</sup>
870.3100	90-Day Oral Toxicity in Rodents	44623101		OLD	See endnote <sup>29</sup>
870.3150	90-Day Oral Toxicity in Non-Rodents	44623101 40321102		OLD OLD	See endnote <sup>30</sup>
870.3200	21-Day Dermal Toxicity	40547901 45814501		OLD OLD	See endnote <sup>31</sup>

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3250	90-Day Dermal Toxicity				Not required <sup>32</sup>
870.3465	90-Day Inhalation Toxicity				Not required <sup>33</sup>
870.6100	28-Day Delayed Neurotoxicity - Hen	00112897		OLD	
870.6200	90-Day Subchronic Neurotoxicity - Rat	43245210		OLD	See endnote <sup>34</sup>
870.4100	Chronic Toxicity Rat	00146150		OLD	See endnote <sup>35</sup>
870.4200	Carcinogenicity	00146150 40872401		OLD OLD	See endnote <sup>36</sup>
870.3700	Prenatal Development Toxicity Studies	00084024 42429401		OLD OLD	See endnote <sup>37</sup>
870.3800	Reproduction and Fertility Effects	43137101		OLD	See endnote <sup>38</sup>
870.6300	Developmental Neurotoxicity Study				Not required
870.5100	Bacterial Reverse Mutation Test	40321101			See endnote <sup>39</sup>
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Gene Mutation Test	40321101 00143001			See endnote <sup>40</sup>
870.5385, 870.5395	<i>In vivo</i> Cytogenetics	00143001			See endnote <sup>41</sup>
870.7200	Companion Animal Safety				Not required

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.7485	Metabolism and Pharmacokinetics	44609801 00028261		OLD OLD	See endnote <sup>42</sup>
870.7600	Dermal Penetration				Not required
870.7800	Immunotoxicity	48081601	BASF Corporation	PAY	
875.1100	Dermal Outdoor Exposure		PHED	PL	
875.1200	Dermal Indoor Exposure				Not required
875.1300	Inhalation Outdoor Exposure		PHED	PL	
875.1400	Inhalation Indoor Exposure				Not required
875.1500	Biological Monitoring		PHED	PL	
875.1600	Data Reporting and Calculations		PHED	PL	
875.1700	Product Use Information		PHED	PL	
875.2100	Foliar Residue Dissipation		ORETF ARTF Dicamba Registrants Coalition	PER PER OWN	See endnote <sup>43</sup>
875.2200	Soil Residue Dissipation		ORETF ARTF	PER PER	See endnote <sup>43</sup>

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2300	Indoor Surface Residue Dissipation				Not required
875.2400	Dermal Passive Dosimetry Exposure		ORETF ARTF	PER PER	See endnote <sup>43</sup>
875.2500	Inhalation Passive Dosimetry Exposure		ORETF ARTF	PER PER	See endnote <sup>43</sup>
835.2120	Hydrolysis	40335501		OLD	See endnote <sup>44</sup>
835.2240	Photodegradation - Water	42774102		OLD	See endnote <sup>45</sup>
835.2410	Photodegradation – Soil	42774103		OLD	See endnote <sup>46</sup>
835.2370	Photodegradation – Air				Not required
835.4100	Aerobic Soil Metabolism	43245207		OLD GAP	See endnote <sup>47</sup>
835.4200	Anaerobic Soil Metabolism	43245208		OLD	See endnote <sup>48</sup>
835.4300	Aerobic Aquatic Metabolism	43245208		OLD GAP	See endnote <sup>49</sup>
835.4400	Anaerobic Aquatic Metabolism	43245209		OLD	See endnote <sup>50</sup>

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.1230, 835.1240	Leaching and Adsorption/Desorption	42774101 43095301		OLD OLD	See endnote <sup>51</sup>
835.1410	Lab Volatility	41966602		OLD	See endnote <sup>52</sup>
835.8100	Field Volatility				Not required
835.6100	Terrestrial Field Dissipation	43361506 43361507 43651405 43651407 43651408 42754101 42754102		OLD OLD OLD OLD OLD OLD OLD	See endnote <sup>53</sup>
835.6200	Aquatic Sediment Dissipation				Not required
835.6300	Forestry Dissipation				Not required <sup>54</sup>
835.7100	Ground-Water Monitoring				Not required

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Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Nature of the Residue – Plants	00022745		OLD	See endnote <sup>55</sup>
		00022753		OLD	
		00025344		OLD	
		00036921		OLD	
		00079708		OLD	
		00079747		OLD	
		00102945		OLD	
		00118473		OLD	
		40642801		OLD	
860.1300	Nature of Residue - Livestock and Poultry	00077779		OLD	See endnote <sup>56</sup>
		00145248		OLD	
		43245201		OLD	
		43245202		OLD	
		43461701		OLD	
		43554205		OLD	
860.1850	Confined Rotational Crop	41972001		OLD	See endnote <sup>57</sup>
		43698601		OLD	

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Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method	40233501		OLD	
		40547911		OLD	
		40663801		OLD	
		41187301		OLD	
		42675901		OLD	
		42883202		OLD	
		43245204		OLD	
		43245205		OLD	
		43245206		OLD	
		43274501		OLD	
		43370701		OLD	
		43425803		OLD	
		43814101		OLD	
		43814102		OLD	
		43866601		OLD	

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Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method (cont'd)	44089302	BASF Corporation	OLD	
		44089303		OLD	
		44089304		OLD	
		44089305		OLD	
		44891301		OLD	
		44891302		OLD	
		44891303		OLD	
		45196801		OLD	
		43814001		OLD	
		48001303		PAY	
860.1360	Multiresidue Method	48001304	BASF Corporation	PAY	

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Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Storage Stability	40547911		OLD	
		40663801		OLD	
		43245204		OLD	
		43245205		OLD	
		43245206		OLD	
		43274501		OLD	
		43370701		OLD	
		43814102		OLD	
		43866601		OLD	
860.1500	Magnitude of the Residue Crop Field Trials - Asparagus	00025338		OLD	
		43245206		OLD	
		43425803		OLD	

Signature

Name and Title

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## DATA MATRIX

Date <b>March 12, 2019</b>	EPA Reg No./File Symbol <b>80967-16</b>	Page 18 of 27
Applicant's/Registrant's Name & Address <b>Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514</b>	Product <b>MEYCHEM Technical Dicamba</b>	
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials - Grass	00028173		OLD	
		00028200		OLD	
		00028267		OLD	
		00028268		OLD	
		43370701		OLD	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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## DATA MATRIX

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Applicant's/Registrant's Name & Address <b>Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514</b>	Product <b>MEYCHEM Technical Dicamba</b>	
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials – Small Grains	00004541		OLD	
		00004566		OLD	
		00023687		OLD	
		00025330		OLD	
		00025394		OLD	
		00028398		OLD	
		00028252		OLD	
		00055662		OLD	
		00162206		OLD	
		40663801		OLD	
		42675901		OLD	
		43274501		OLD	
		43245205		OLD	
		43814102		OLD	
		44089304		OLD	
		44089305		OLD	
		44891302		OLD	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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## DATA MATRIX

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Applicant's/Registrant's Name & Address <b>Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514</b>	Product <b>MEYCHEM Technical Dicamba</b>	
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials – Sorghum	00022622 00078448 43245203 44089306		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue Crop Field Trials – Soybeans	00075729 00102944 43814101 43814102 44089307		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue Crop Field Trials – Sugarcane	00030701 00079738 00149626 43245204 44089302		OLD OLD OLD OLD OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed - Corn	41187301 48001305	BASF Corporation	OLD PAY	
860.1520	Magnitude of the Residues in Processed Food/Feed - Cotton	43814001		OLD	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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## DATA MATRIX

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Applicant's/Registrant's Name & Address <b>Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514</b>		Product <b>MEYCHEM Technical Dicamba</b>
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residues in Processed Food/Feed – Small Grains	00004541		OLD	
		00004566		OLD	
		00023687		OLD	
		00025330		OLD	
		00025394		OLD	
		00028398		OLD	
		00028252		OLD	
		00055662		OLD	
		00162206		OLD	
		40663801		OLD	
		42675901		OLD	
		43274501		OLD	
		43245205		OLD	
		43814102		OLD	
		44089304		OLD	
		44089305		OLD	
		44891302		OLD	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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## DATA MATRIX

Date <b>March 12, 2019</b>	EPA Reg No./File Symbol <b>80967-16</b>	Page <b>22 of 27</b>
Applicant's/Registrant's Name & Address <b>Mey Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514</b>		Product <b>MEYCHEM Technical Dicamba</b>
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residues in Processed Food/Feed – Sorghum	00022622		OLD	
		00078448		OLD	
		43245203		OLD	
		44089306		OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed – Soybeans	00075729		OLD	
		00102944		OLD	
		43814101		OLD	
		43814102		OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed – Sugarcane	44089307		OLD	
		00030701		OLD	
		00079738		OLD	
		00149626		OLD	
		43245204		OLD	
		44089302		OLD	

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Mar. 12, 2019</b>
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## DATA MATRIX

Date March 12, 2019

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Applicant's/Registrant's Name &amp; Address

Mey Corporation  
121 S. Estes Drive, Suite 101  
Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480	Magnitude of Residues - Meat/Milk/Poultry/Egg	00079742 00148127 00116671 44891303		OLD OLD OLD OLD	
860.1900	Field Rotational Crop				Not required
201-1	Droplet Size Spectrum		SDTF	PER	See endnote <sup>58</sup>
202-1	Droplet Size Spectrum		SDTF	PER	See endnote <sup>48</sup>

Signature

Name and Title

Ann M. Tillman, Senior Regulatory  
Consultant

Date

Mar. 12, 2019

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>1</sup> **830.6315** - Mey Corporation requested a waiver from this data requirement due to the fact that Meychem Technical Dicamba is a solid and does not contain any flammable ingredients. EPA accepted this waiver.
- <sup>2</sup> **830.6316** - Mey Corporation requested a waiver from this data requirement due to the fact that dicamba does not contain the chemical bonds or functional groups associated with explosive compounds. EPA accepted this waiver.
- <sup>3</sup> **830.6319** - This data requirement is required when the product is an emulsifiable liquid and to be diluted with petroleum solvents. Meychem Technical Dicamba is not an end use product to be diluted with petroleum solvents prior to application. Therefore, this data requirement does not apply to Meychem Technical Dicamba.
- <sup>4</sup> **830.6321** - These data are required if the product is an end-use product. This data requirement is not applicable to Meychem Technical Dicamba because it is not an end-use product.
- <sup>5</sup> **830.7100** - This data requirement is not applicable to Meychem Technical Dicamba since it is a solid.
- <sup>6</sup> **830.7220** - Boiling point data are not required for Meychem Technical Dicamba because it is a solid.
- <sup>7</sup> **830.7520** - Mey Corporation requested a waiver for this data requirement for Meychem Technical Dicamba because the product is not a fibrous material nor is it water insoluble. EPA accepted this waiver.
- <sup>8</sup> **850.2100** - MRID Numbers 42774105 and 42774106 were listed in the RED and RED EFED Chapter as satisfying the data requirement. MRID Number 48718013 is a recently submitted study to satisfy the passerine data requirement.
- <sup>9</sup> **850.2200** - The studies cited were listed in the RED EFED Chapter as satisfying the dicamba acid data requirement. .
- <sup>10</sup> **850.2300** - The studies cited were listed in the RED and RED EFED Chapter as satisfying the data requirement. The Agency issued a Generic Data Call-In dated July 20, 2017 (GDCI-029801-1659) (2017 GDCI) requiring additional mallard duck data for the degradate dichlorosalicylic acid (DCSA) only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>11</sup> **850.1075** - The studies cited were listed in the RED and RED EFED Chapter as satisfying the data requirement.
- <sup>12</sup> **850.1010** - Accession Number 0052126 was listed in the RED as satisfying the data requirement. Additional supplemental studies listed in the RED EFED Chapter were also cited.
- <sup>13</sup> **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** - Accession Number 0052126 was listed in the RED as satisfying the data requirement. Additional supplemental studies listed in the RED EFED Chapter were also cited. As per the 2017 GDCI, the Agency requested oyster shell deposition data with dicamba TGA. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>14</sup> **850.1300** - As per the 2017 GDCI, the Agency requested additional daphnid chronic toxicity data for the DCSA degradate only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>15</sup> **850.1400** - As per the 2017 GDCI, the Agency requested additional freshwater fish toxicity data for the DCSA degradate only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>16</sup> **850.3020** - The study cited is listed in the RED as satisfying the data requirement.
- <sup>17</sup> **850.3040** - As per the 2017 GDCI, the need for these data is dependent upon the results of lower-tier testing.



## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>18</sup> **SS-1256** – These data were required as per the 2017 GDCI. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>19</sup> **SS-1257** – These data were required as per the 2017 GDCI. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>20</sup> **SS-1315** – As per the 2017 GDCI, the need for these data is dependent upon the results of lower-tier testing.
- <sup>21</sup> **SS-1344** – These data were required as per the 2017 GDCI. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>22</sup> **SS-1346** – These data were required as per the 2017 GDCI. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>23</sup> **SS-1353** – As per the 2017 GDCI, the need for these data is dependent upon the results of lower-tier testing.
- <sup>24</sup> **850.4100** – MRID Number 42846301 was listed in the RED; MRID Number 47815101 was submitted in response to the Data Call-In resulting from the RED and was also cited. As per the 2017 GDCI, the Agency requested tier II data for dicamba TEP and dicamba acid. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>25</sup> **850.4150** – MRID Number 42846301 was listed in the RED; MRID Number 47815102 was submitted in response to the Data Call-In resulting from the RED and was also cited. As per the 2017 GDCI, the Agency requested tier II data for dicamba acid and a number of dicamba salts. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>26</sup> **850.4400** – MRID Number 42774111 was listed in the EFED RED Chapter as satisfying the data requirement (no data were listed in the RED and no data have been submitted to satisfy this requirement). As per the 2017 GDCI, the Agency requested additional data using Lemna spp. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>27</sup> **850.6100** – These data were required as per the 2017 GDCI. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>28</sup> **870.6200** – The study cited is listed in the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>29</sup> **870.3100** – The study cited is listed in the RED, HED Chapter for the RED and the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>30</sup> **870.3150** – The study cited is listed in the RED as satisfying the data requirement. Chronic toxicity to dog data are also cited.
- <sup>31</sup> **870.3200** – The studies cited were listed in the RED as satisfying the data requirement.
- <sup>32</sup> **870.3250** – These data are not required as per the HED Chapter for the RED.
- <sup>33</sup> **870.3465** – These data are not required as per the HED Chapter for the RED.
- <sup>34</sup> **870.6200** – The study cited is listed in the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>35</sup> **870.4100** – The study cited is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement. Note: the RED lists MRID Number 00145150; this appears to be in error and the appropriate MRID should be 00146150.
- <sup>36</sup> **870.4200** – MRID Number 00146150 is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement. Note: the RED lists MRID Number 00145150; this appears to be in error and the appropriate MRID should be 00146150. MRID Number 40872401 is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>37</sup> **870.3700** – The studies cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>38</sup> **870.3800** – The study cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>39</sup> **870.5100** – The study cited was listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>40</sup> **870.5300, 870.5375** – The studies cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>41</sup> **870.5385, 870.5395** – The study cited was listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>42</sup> **870.7485** – The studies cited were listed in the RED or 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>43</sup> **875.2100, 875.2200, 875.2400, 875.2500** – MEY Corporation is a licensee in good standing with the Outdoor Residential Exposure Task Force and Agricultural Re-Entry Task Force. As per the 2017 GDCI, the Agency requested additional soy and cotton foliar dissipation data based on concerns over the DCSA degradate only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>44</sup> **835.2120** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>45</sup> **835.2240** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. Note: the RED lists 42774103 as the study satisfying the data requirement. This study corresponds to the photodegradation in soil, not water.
- <sup>46</sup> **835.2410** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. Note: the RED lists 42774102 as the study satisfying the data requirement. This study corresponds to the photodegradation in soil, not water.
- <sup>47</sup> **835.4100** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. As per the 2017 GDCI, the Agency requested additional aerobic soil metabolism data with dicamba TGAI and the degradate DCSA on four soils. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>48</sup> **835.4200** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>49</sup> **835.4300** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. As per the 2017 GDCI, the Agency requested additional aerobic aquatic metabolism data with dicamba TGAI in two test systems. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which is developing these data and will submit upon completion.
- <sup>50</sup> **835.4400** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>51</sup> **835.1230, 835.1240** – The studies cited were listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>52</sup> **835.1410** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>53</sup> **835.6100** – The studies cited were listed in the EFED Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED. The RED also listed MRID Number 44361526 which appears to be in error as this study does not correspond to dicamba.
- <sup>54</sup> **835.6300** – These data are not required for the use pattern present on the MEYCHEM Technical Dicamba label.
- <sup>55</sup> **860.1300** – The studies cited were listed in the Residue Chemistry Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED.
- <sup>56</sup> **860.1300** – The studies cited were listed in the Residue Chemistry Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED.
- <sup>57</sup> **860.1850** – The studies cited were listed in the RED and Residue Chemistry Chapter for the RED as satisfying the data requirement.
- <sup>58</sup> **201-1, 202-1** – MEY Corporation is a licensee in good standing with the Spray Drift Task Force.



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Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Product Specific Data Requirements</b>					
830.1550	Product Identity and Composition	51318201	MEY Corporation	OWN	
		50686701	MEY Corporation	OWN	
		49903801	MEY Corporation	OWN	
		49505001	MEY Corporation	OWN	
830.1600	Description of Materials Used to Produce the Product	51318201	MEY Corporation	OWN	
		50686701	MEY Corporation	OWN	
		49903801	MEY Corporation	OWN	
		49505001	MEY Corporation	OWN	
830.1620	Description of Production Process	51318201	MEY Corporation	OWN	
		50686701	MEY Corporation	OWN	
		49903801	MEY Corporation	OWN	
		49505001	MEY Corporation	OWN	
830.1650	Description of Formulation Process				Not required

Signature 	Name and Title Ann M. Tillman, Senior Regulatory Consultant	Date Feb. 15, 2021
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Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1670	Discussion of Formation of Impurities	51318201	MEY Corporation	OWN	
		50686701	MEY Corporation	OWN	
		49903801	MEY Corporation	OWN	
		49505001	MEY Corporation	OWN	
830.1700	Preliminary Analysis	51318202	MEY Corporation	OWN	
		51318203	MEY Corporation	OWN	
		50686702	MEY Corporation	OWN	
		50686703	MEY Corporation	OWN	
		50686704	MEY Corporation	OWN	
		49903804	MEY Corporation	OWN	
		49903803	MEY Corporation	OWN	
		49903802	MEY Corporation	OWN	
		49505002	MEY Corporation	OWN	
		49505003	MEY Corporation	OWN	

Signature 	Name and Title Ann M. Tillman, Senior Regulatory Consultant	Date Feb. 15, 2021
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Date February 15, 2021	EPA Reg No./File Symbol 80967-16	Page 3 of 27
Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1750	Certified Limits	51318201	MEY Corporation	OWN	
		50686701	MEY Corporation	OWN	
		49903801	MEY Corporation	OWN	
		49505001	MEY Corporation	OWN	
830.1800	Enforcement Analytical Method	51318202	MEY Corporation	OWN	
		51318203	MEY Corporation	OWN	
		50686702	MEY Corporation	OWN	
		50686703	MEY Corporation	OWN	
		49903801	MEY Corporation	OWN	
		49505002	MEY Corporation	OWN	
		49505003	MEY Corporation	OWN	
830.6302	Color	49505004	MEY Corporation	OWN	
830.6303	Physical State	49505004	MEY Corporation	OWN	
830.6304	Odor	49505004	MEY Corporation	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	49505004	MEY Corporation	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	49505004	MEY Corporation	OWN	

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Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6315	Flammability	49505005	MEY Corporation	OWN	Waiver <sup>1</sup>
830.6316	Explosibility	49505005	MEY Corporation	OWN	Waiver <sup>2</sup>
830.6317	Storage Stability	50261301	MEY Corporation	OWN	
830.6319	Miscibility				Not required <sup>3</sup>
830.6320	Corrosion Characteristics	50261301	MEY Corporation	OWN	
830.6321	Dielectric Breakdown Voltage				Not required <sup>4</sup>
830.7000	pH	49505004	MEY Corporation	OWN	
830.7050	UV/Visible Absorption	49505004	MEY Corporation	OWN	
830.7100	Viscosity	49505005	MEY Corporation	OWN	Not required <sup>5</sup>
830.7200	Melting Point/Melting Range	49505004	MEY Corporation	OWN	
830.7220	Boiling Point/Boiling Range				Not required <sup>6</sup>
830.7300	Density/Relative Density/Bulk Density	49505004	MEY Corporation	OWN	
830.7370	Dissociation Constants in Water	49505005	MEY Corporation	PL	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	49505005	MEY Corporation	OWN	Waiver <sup>7</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	49505004	MEY Corporation	OWN	

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Applicant's/Registrant's Name & Address  <b>MEY Corporation</b> <b>121 S. Estes Drive, Suite 101</b> <b>Chapel Hill, NC 27514</b>		Product  <b>MEYCHEM Technical Dicamba</b>
Ingredient <b>Dicamba (CAS No. 1918-00-9)</b>		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	49505004	MEY Corporation	OWN	
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure	49505005	MEY Corporation	PL	
870.1100	Acute Oral Toxicity: Rat	49551101	MEY Corporation	OWN	
870.1200	Acute Dermal Toxicity: Rat	49551102	MEY Corporation	OWN	
870.1300	Acute Inhalation Toxicity: Rat	49551103	MEY Corporation	OWN	
870.2400	Primary Eye Irritation: Rabbit	49551104	MEY Corporation	OWN	
870.2500	Primary Dermal Irritation	49551105	MEY Corporation	OWN	
870.2600	Dermal Sensitization	49551106	MEY Corporation	OWN	
<b>Generic Data Requirements</b>					

Signature 	Name and Title <b>Ann M. Tillman, Senior Regulatory Consultant</b>	Date <b>Feb. 15, 2021</b>
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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100	Acute Avian Oral Toxicity	42774105 42774106 48718013	BASF Corporation	OLD OLD PER	See endnote <sup>8</sup>
850.2200	Avian Dietary Toxicity	0025391 0023690 TOUDIC07 0025392 0025317		OLD OLD OLD OLD OLD	See endnote <sup>9</sup>
850.2300	Avian Reproduction	43814003 43814004	Dicamba Registrants Coalition	OLD OLD OWN	See endnote <sup>10</sup>
850.2400	Wild Mammal Toxicity				Not required
850.1075	Freshwater Fish Toxicity	0034703 40098001 00041272 00036915		OLD OLD OLD OLD	See endnote <sup>11</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1010	Acute Freshwater Invertebrate Toxicity	0052126 40094602 40098001		OLD OLD OLD	See endnote <sup>12</sup>
850.1025, 1035, 1045, 1055, 1075	Acute Estuarine and Marine Organisms Toxicity	0025390 40228401 0034702 50881003	Dicamba Registrants Coalition	OLD OLD OLD OWN	See endnote <sup>13</sup>
850.1300	Life Cycle Aquatic Invertebrate - Freshwater	48718007	BASF Corporation Dicamba Registrants Coalition	PER OWN	See endnote <sup>14</sup>
850.1350	Life Cycle Aquatic Invertebrate - Saltwater	48718012	BASF Corporation	PER	
850.1400	Early Life Stage Fish	48718010 48718008 48718011	BASF Corporation BASF Corporation BASF Corporation Dicamba Registrants Coalition	PER PER PER OWN	See endnote <sup>15</sup>
850.1500	Fish Life Cycle				Not required
850.1710, 1730, 1850	Aquatic Organism Biomagnification				Not required

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
850.3020	Honey Bee Acute Contact	00036935		OLD	See endnote <sup>16</sup>
850.3030	Honey Bee Toxicity of Residues on Foliage				Not required
850.3040	Field Testing for Pollinators				Reserved <sup>17</sup>
SS-1256	Acute oral toxicity – honeybee adult	50818801	Dicamba Registrants Coalition	OWN	
SS-1257	Acute oral toxicity – honeybee larvae	50931301 50931302	Dicamba Registrants Coalition Dicamba Registrants Coalition	OWN OWN	
SS-1315	Semi-field testing for pollinators				Reserved <sup>18</sup>
SS-1344	Chronic oral toxicity – larval honeybee	50931301 50931303	Dicamba Registrants Coalition Dicamba Registrants Coalition	OWN OWN	
SS-1346	Chronic oral toxicity – adult honeybee	50931304	Dicamba Registrants Coalition	OWN	
SS-1353	Residues in pollen and nectar				Reserved <sup>19</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4100	Seed Germination/Seedling Emergence	42846301 47815101 50931308	BASF Corporation Dicamba Registrants Coalition	OLD PER OWN	See endnote <sup>20</sup>
850.4150	Vegetative Vigor	42846301 47815102 50914303 50931305 50931311	BASF Corporation Dicamba Registrants Coalition Dicamba Registrants Coalition Dicamba Registrants Coalition	OLD PER OWN OWN OWN	See endnote <sup>21</sup>
850.4400	Aquatic Plant Growth	42774111 50881001 50881002	Dicamba Registrants Coalition Dicamba Registrants Coalition	OLD OWN OWN	See endnote <sup>22</sup>
850.6100	Environmental Chemistry Methods	50914301 50914302 50931309 50931310	Dicamba Registrants Coalition Dicamba Registrants Coalition Dicamba Registrants Coalition Dicamba Registrants Coalition	OWN OWN OWN OWN	
870.6200	Acute Neurotoxicity (Rat)	42774104		OLD	See endnote <sup>23</sup>
870.3100	90-Day Oral Toxicity in Rodents	44623101		OLD	See endnote <sup>24</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3150	90-Day Oral Toxicity in Non-Rodents	44623101 40321102		OLD OLD	See endnote <sup>25</sup>
870.3200	21-Day Dermal Toxicity	40547901 45814501		OLD OLD	See endnote <sup>26</sup>
870.3250	90-Day Dermal Toxicity				Not required <sup>27</sup>
870.3465	90-Day Inhalation Toxicity				Not required <sup>28</sup>
870.6100	28-Day Delayed Neurotoxicity - Hen	00112897		OLD	
870.6200	90-Day Subchronic Neurotoxicity - Rat	43245210		OLD	See endnote <sup>29</sup>
870.4100	Chronic Toxicity Rat	00146150		OLD	See endnote <sup>30</sup>
870.4200	Carcinogenicity	00146150 40872401		OLD OLD	See endnote <sup>31</sup>
870.3700	Prenatal Development Toxicity Studies	00084024 42429401		OLD OLD	See endnote <sup>32</sup>
870.3800	Reproduction and Fertility Effects	43137101		OLD	See endnote <sup>33</sup>
870.6300	Developmental Neurotoxicity Study				Not required
870.5100	Bacterial Reverse Mutation Test	40321101			See endnote <sup>34</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Gene Mutation Test	40321101 00143001			See endnote <sup>35</sup>
870.5385, 870.5395	<i>In vivo</i> Cytogenetics	00143001			See endnote <sup>36</sup>
870.7200	Companion Animal Safety				Not required
870.7485	Metabolism and Pharmacokinetics	44609801 00028261		OLD OLD	See endnote <sup>37</sup>
870.7600	Dermal Penetration				Not required
870.7800	Immunotoxicity	48081601	BASF Corporation	PER	
875.1100	Dermal Outdoor Exposure		PHED	PL	
875.1200	Dermal Indoor Exposure				Not required
875.1300	Inhalation Outdoor Exposure		PHED	PL	
875.1400	Inhalation Indoor Exposure				Not required
875.1500	Biological Monitoring		PHED	PL	
875.1600	Data Reporting and Calculations		PHED	PL	
875.1700	Product Use Information		PHED	PL	

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2100	Foliar Residue Dissipation		ORETF ARTF Dicamba Registrants Coalition	PER PER OWN	See endnote <sup>38</sup>
875.2200	Soil Residue Dissipation		ORETF ARTF	PER PER	See endnote <sup>38</sup>
875.2300	Indoor Surface Residue Dissipation				Not required
875.2400	Dermal Passive Dosimetry Exposure		ORETF ARTF	PER PER	See endnote <sup>38</sup>
875.2500	Inhalation Passive Dosimetry Exposure		ORETF ARTF	PER PER	See endnote <sup>38</sup>
835.2120	Hydrolysis	40335501		OLD	See endnote <sup>39</sup>
835.2240	Photodegradation - Water	42774102		OLD	See endnote <sup>40</sup>
835.2410	Photodegradation – Soil	42774103		OLD	See endnote <sup>41</sup>
835.2370	Photodegradation – Air				Not required
835.4100	Aerobic Soil Metabolism	43245207 50931306	Dicamba Registrants Coalition	OLD OWN	See endnote <sup>42</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.4200	Anaerobic Soil Metabolism	43245208		OLD	See endnote <sup>43</sup>
835.4300	Aerobic Aquatic Metabolism	43245208 50931307	Dicamba Registrants Coalition	OLD OWN	See endnote <sup>44</sup>
835.4400	Anaerobic Aquatic Metabolism	43245209		OLD	See endnote <sup>45</sup>
835.1230, 835.1240	Leaching and Adsorption/Desorption	42774101 43095301		OLD OLD	See endnote <sup>46</sup>
835.1410	Lab Volatility	41966602		OLD	See endnote <sup>47</sup>
835.8100	Field Volatility				Not required
835.6100	Terrestrial Field Dissipation	43361506 43361507 43651405 43651407 43651408 42754101 42754102		OLD OLD OLD OLD OLD OLD OLD	See endnote <sup>48</sup>
835.6200	Aquatic Sediment Dissipation				Not required
835.6300	Forestry Dissipation				Not required <sup>49</sup>

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Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.7100	Ground-Water Monitoring				Not required
860.1300	Nature of the Residue – Plants	00022745 00022753 00025344 00036921 00079708 00079747 00102945 00118473 40642801		OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote <sup>50</sup>
860.1300	Nature of Residue - Livestock and Poultry	00077779 00145248 43245201 43245202 43461701 43554205		OLD OLD OLD OLD OLD OLD	See endnote <sup>51</sup>

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121 S. Estes Drive, Suite 101  
Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1850	Confined Rotational Crop	41972001 43698601		OLD OLD	See endnote <sup>52</sup>
860.1340	Residue Analytical Method	40233501 40547911 40663801 41187301 42675901 42883202 43245204 43245205 43245206 43274501 43370701 43425803 43814101 43814102 43866601		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	

Signature

Name and Title

Ann M. Tillman, Senior Regulatory  
Consultant

Date

Feb. 15, 2021



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method (cont'd)	44089302	BASF Corporation	OLD	
		44089303		OLD	
		44089304		OLD	
		44089305		OLD	
		44891301		OLD	
		44891302		OLD	
		44891303		OLD	
		45196801		OLD	
		43814001		OLD	
		48001303		PER	
860.1360	Multiresidue Method	48001304	BASF Corporation	PER	

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Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Storage Stability	40547911		OLD	
		40663801		OLD	
		43245204		OLD	
		43245205		OLD	
		43245206		OLD	
		43274501		OLD	
		43370701		OLD	
		43814102		OLD	
		43866601		OLD	
860.1500	Magnitude of the Residue Crop Field Trials - Asparagus	00025338		OLD	
		43245206		OLD	
		43425803		OLD	

Signature

Name and Title

Ann M. Tillman, Senior Regulatory  
Consultant

Date

Feb. 15, 2021

Form Approved OMB No. 2070-0060

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Date February 15, 2021

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Applicant's/Registrant's Name &amp; Address

MEY Corporation  
121 S. Estes Drive, Suite 101  
Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient **Dicamba** (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials - Corn	00015636, 00015637 00015640, 00015641 00015642, 00015786 00016435, 00016436 00016437, 00016438 00022612 00022613 00022618 00023584 00023684 00025364 00025383 00028269 00075715 00088172 44089303 48001305	BASF Corporation	OLD, OLD OLD, OLD OLD, OLD OLD, OLD OLD, OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD PER	
860.1500	Magnitude of the Residue Crop Field Trials - Cotton	43814001 45196801		OLD OLD	

Signature

Ann M. Fuller

[illegible]

Ann M. Tillman, Senior Regulatory  
Consultant

Date \_\_\_\_\_

Feb. 15, 2021



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Applicant's/Registrant's Name &amp; Address

MEY Corporation

121 S. Estes Drive, Suite 101

Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials - Grass	00028173		OLD	
		00028200		OLD	
		00028267		OLD	
		00028268		OLD	
		43370701		OLD	

Signature

Name and Title

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Consultant

Date

Feb. 15, 2021



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Applicant's/Registrant's Name &amp; Address

MEY Corporation

121 S. Estes Drive, Suite 101

Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials – Small Grains	00004541		OLD	
		00004566		OLD	
		00023687		OLD	
		00025330		OLD	
		00025394		OLD	
		00028398		OLD	
		00028252		OLD	
		00055662		OLD	
		00162206		OLD	
		40663801		OLD	
		42675901		OLD	
		43274501		OLD	
		43245205		OLD	
		43814102		OLD	
		44089304		OLD	
		44089305		OLD	
		44891302		OLD	

Signature

Name and Title

Ann M. Tillman, Senior Regulatory  
Consultant

Date

Feb. 15, 2021



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## DATA MATRIX

Date February 15, 2021	EPA Reg No./File Symbol 80967-16	Page 21 of 27
Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue Crop Field Trials – Sorghum	00022622 00078448 43245203 44089306		OLD OLD OLD OLD	
860.1500	Magnitude of the Residue Crop Field Trials – Soybeans	00075729 00102944 43814101 43814102 44089307		OLD OLD OLD OLD OLD	
860.1500	Magnitude of the Residue Crop Field Trials – Sugarcane	00030701 00079738 00149626 43245204 44089302		OLD OLD OLD OLD OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed - Corn	41187301 48001305	BASF Corporation	OLD PER	
860.1520	Magnitude of the Residues in Processed Food/Feed - Cotton	43814001		OLD	

Signature 	Name and Title Ann M. Tillman, Senior Regulatory Consultant	Date Feb. 15, 2021
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Applicant's/Registrant's Name &amp; Address

MEY Corporation

121 S. Estes Drive, Suite 101

Chapel Hill, NC 27514

Product

MEYCHEM Technical Dicamba

Ingredient Dicamba (CAS No. 1918-00-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residues in Processed Food/Feed – Small Grains	00004541		OLD	
		00004566		OLD	
		00023687		OLD	
		00025330		OLD	
		00025394		OLD	
		00028398		OLD	
		00028252		OLD	
		00055662		OLD	
		00162206		OLD	
		40663801		OLD	
		42675901		OLD	
		43274501		OLD	
		43245205		OLD	
		43814102		OLD	
		44089304		OLD	
		44089305		OLD	
		44891302		OLD	

Signature

Name and Title

Ann M. Tillman, Senior Regulatory  
Consultant

Date

Feb. 15, 2021



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## DATA MATRIX

Date February 15, 2021	EPA Reg No./File Symbol 80967-16	Page 23 of 27
Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residues in Processed Food/Feed – Sorghum	00022622 00078448 43245203 44089306		OLD OLD OLD OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed – Soybeans	00075729 00102944 43814101 43814102 44089307		OLD OLD OLD OLD OLD	
860.1520	Magnitude of the Residues in Processed Food/Feed – Sugarcane	00030701 00079738 00149626 43245204 44089302		OLD OLD OLD OLD OLD	

Signature 	Name and Title Ann M. Tillman, Senior Regulatory Consultant	Date Feb. 15, 2021
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## DATA MATRIX

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Applicant's/Registrant's Name & Address MEY Corporation 121 S. Estes Drive, Suite 101 Chapel Hill, NC 27514	Product MEYCHEM Technical Dicamba	
Ingredient Dicamba (CAS No. 1918-00-9)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480	Magnitude of Residues - Meat/Milk/Poultry/Egg	00079742 00148127 00116671 44891303		OLD OLD OLD OLD	
860.1900	Field Rotational Crop				Not required
201-1	Droplet Size Spectrum		SDTF	PER	See endnote <sup>53</sup>
202-1	Droplet Size Spectrum		SDTF	PER	See endnote <sup>48</sup>

Signature 	Name and Title Ann M. Tillman, Senior Regulatory Consultant	Date Feb. 15, 2021
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## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>1</sup> **830.6315** - MEY Corporation requested a waiver from this data requirement due to the fact that MEYchem Technical Dicamba is a solid and does not contain any flammable ingredients. EPA accepted this waiver.
- <sup>2</sup> **830.6316** - MEY Corporation requested a waiver from this data requirement due to the fact that dicamba does not contain the chemical bonds or functional groups associated with explosive compounds. EPA accepted this waiver.
- <sup>3</sup> **830.6319** - This data requirement is required when the product is an emulsifiable liquid and to be diluted with petroleum solvents. MEYchem Technical Dicamba is not an end use product to be diluted with petroleum solvents prior to application. Therefore, this data requirement does not apply to MEYchem Technical Dicamba.
- <sup>4</sup> **830.6321** - These data are required if the product is an end-use product. This data requirement is not applicable to MEYchem Technical Dicamba because it is not an end-use product.
- <sup>5</sup> **830.7100** - This data requirement is not applicable to MEYchem Technical Dicamba since it is a solid.
- <sup>6</sup> **830.7220** - Boiling point data are not required for MEYchem Technical Dicamba because it is a solid.
- <sup>7</sup> **830.7520** - MEY Corporation requested a waiver for this data requirement for MEYchem Technical Dicamba because the product is not a fibrous material nor is it water insoluble. EPA accepted this waiver.
- <sup>8</sup> **850.2100** - MRID Numbers 42774105 and 42774106 were listed in the RED and RED EFED Chapter as satisfying the data requirement. MRID Number 48718013 is a recently submitted study to satisfy the passerine data requirement.
- <sup>9</sup> **850.2200** - The studies cited were listed in the RED EFED Chapter as satisfying the dicamba acid data requirement. .
- <sup>10</sup> **850.2300** - The studies cited were listed in the RED and RED EFED Chapter as satisfying the data requirement. The Agency issued a Generic Data Call-In dated July 20, 2017 (GDCI-029801-1659) (2017 GDCI) requiring additional mallard duck data for the degradate dichlorosalicylic acid (DCSA) only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>11</sup> **850.1075** - The studies cited were listed in the RED and RED EFED Chapter as satisfying the data requirement.
- <sup>12</sup> **850.1010** - Accession Number 0052126 was listed in the RED as satisfying the data requirement. Additional supplemental studies listed in the RED EFED Chapter were also cited.
- <sup>13</sup> **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** - Accession Number 0052126 was listed in the RED as satisfying the data requirement. Additional supplemental studies listed in the RED EFED Chapter were also cited. As per the 2017 GDCI, the Agency requested oyster shell deposition data with dicamba TGA; this study is cited under MRID 50881003.
- <sup>14</sup> **850.1300** - As per the 2017 GDCI, the Agency requested additional daphnid chronic toxicity data for the DCSA degradate only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>15</sup> **850.1400** - As per the 2017 GDCI, the Agency requested additional freshwater fish toxicity data for the DCSA degradate only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>16</sup> **850.3020** - The study cited is listed in the RED as satisfying the data requirement.
- <sup>17</sup> **850.3040** - As per the 2017 GDCI, the need for these data is dependent upon the results of lower-tier testing.
- <sup>18</sup> **SS-1315** - As per the 2017 GDCI, the need for these data is dependent upon the results of lower-tier testing.

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>19</sup> **SS-1353** – As per the 2017 GDCI, the need for these data is dependent upon the results of lower-tier testing.
- <sup>20</sup> **850.4100** – MRID Number 42846301 was listed in the RED; MRID Number 47815101 was submitted in response to the Data Call-In resulting from the RED and was also cited. As per the 2017 GDCI, the Agency requested tier II data for dicamba TEP and dicamba acid; these data are cited under MRID 50931308.
- <sup>21</sup> **850.4150** – MRID Number 42846301 was listed in the RED; MRID Number 47815102 was submitted in response to the Data Call-In resulting from the RED and was also cited. As per the 2017 GDCI, the Agency requested tier II data for dicamba acid and a number of dicamba salts; these data are cited under MRIDs 50914303, 50931305, and 50931311.
- <sup>22</sup> **850.4400** – MRID Number 42774111 was listed in the EFED RED Chapter as satisfying the data requirement (no data were listed in the RED and no data have been submitted to satisfy this requirement). As per the 2017 GDCI, the Agency requested additional data using Lemna spp.; these data are cited under MRIDs 50881001 and 50881002.
- <sup>23</sup> **870.6200** – The study cited is listed in the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>24</sup> **870.3100** – The study cited is listed in the RED, HED Chapter for the RED and the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>25</sup> **870.3150** – The study cited is listed in the RED as satisfying the data requirement. Chronic toxicity to dog data are also cited.
- <sup>26</sup> **870.3200** – The studies cited were listed in the RED as satisfying the data requirement.
- <sup>27</sup> **870.3250** – These data are not required as per the HED Chapter for the RED.
- <sup>28</sup> **870.3465** – These data are not required as per the HED Chapter for the RED.
- <sup>29</sup> **870.6200** – The study cited is listed in the 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>30</sup> **870.4100** – The study cited is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement. Note: the RED lists MRID Number 00145150; this appears to be in error and the appropriate MRID should be 00146150.
- <sup>31</sup> **870.4200** – MRID Number 00146150 is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement. Note: the RED lists MRID Number 00145150; this appears to be in error and the appropriate MRID should be 00146150. MRID Number 40872401 is listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>32</sup> **870.3700** – The studies cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>33</sup> **870.3800** – The study cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>34</sup> **870.5100** – The study cited was listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>35</sup> **870.5300, 870.5375** – The studies cited were listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>36</sup> **870.5385, 870.5395** – The study cited was listed in the RED, the HED Chapter for the RED, and 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.

## Endnotes for Data Matrix for MEYCHEM Technical Dicamba

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- <sup>37</sup> **870.7485** – The studies cited were listed in the RED or 2008 HED Risk Assessment relating to the addition of new uses as satisfying the data requirement.
- <sup>38</sup> **875.2100, 875.2200, 875.2400, 875.2500** – MEY Corporation is a licensee in good standing with the Outdoor Residential Exposure Task Force and Agricultural Re-Entry Task Force. As per the 2017 GDCI, the Agency requested additional soy and cotton foliar dissipation data based on concerns over the DCSA degradate only. MEY Corporation is a member in good standing of the Dicamba Registrants Coalition which has requested a waiver for these additional data which is cited herein.
- <sup>39</sup> **835.2120** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>40</sup> **835.2240** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. Note: the RED lists 42774103 as the study satisfying the data requirement. This study corresponds to the photodegradation in soil, not water.
- <sup>41</sup> **835.2410** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. Note: the RED lists 42774102 as the study satisfying the data requirement. This study corresponds to the photodegradation in soil, not water.
- <sup>42</sup> **835.4100** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. As per the 2017 GDCI, the Agency requested additional aerobic soil metabolism data with dicamba TGAI and the degradate DCSA on four soils; these data are cited under MRID 50931306.
- <sup>43</sup> **835.4200** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>44</sup> **835.4300** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement. As per the 2017 GDCI, the Agency requested additional aerobic aquatic metabolism data with dicamba TGAI in two test systems; these data are cited under MRID 50931307.
- <sup>45</sup> **835.4400** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>46</sup> **835.1230, 835.1240** – The studies cited were listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>47</sup> **835.1410** – The study cited was listed in the RED and the EFED Chapter for the RED as satisfying the data requirement.
- <sup>48</sup> **835.6100** – The studies cited were listed in the EFED Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED. The RED also listed MRID Number 44361526 which appears to be in error as this study does not correspond to dicamba.
- <sup>49</sup> **835.6300** – These data are not required for the use pattern present on the MEYCHEM Technical Dicamba label.
- <sup>50</sup> **860.1300** – The studies cited were listed in the Residue Chemistry Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED.
- <sup>51</sup> **860.1300** – The studies cited were listed in the Residue Chemistry Chapter for the RED as satisfying the data requirement. A subset of these data was listed in the RED.
- <sup>52</sup> **860.1850** – The studies cited were listed in the RED and Residue Chemistry Chapter for the RED as satisfying the data requirement.
- <sup>53</sup> **201-1, 202-1** – MEY Corporation is a licensee in good standing with the Spray Drift Task Force.